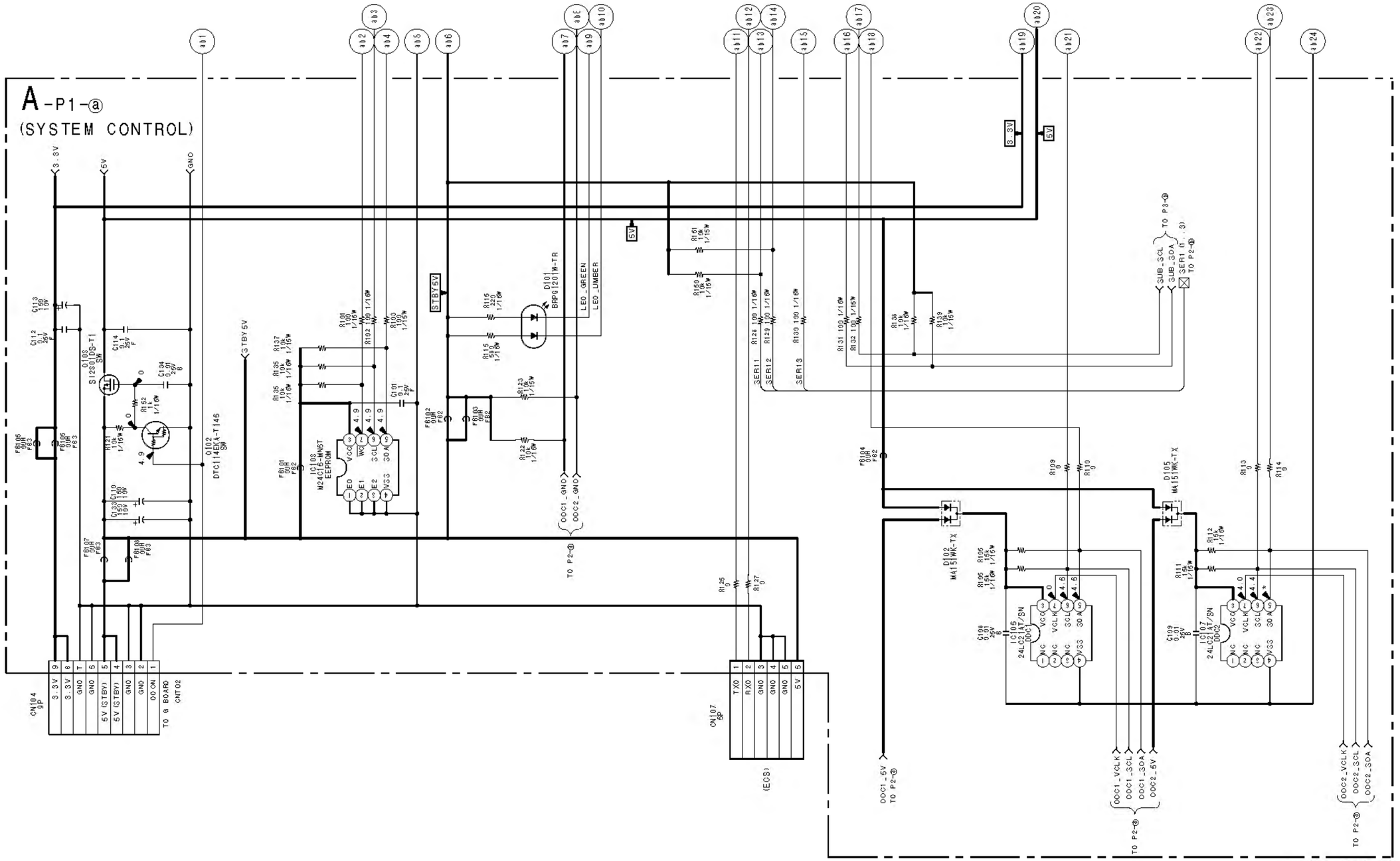
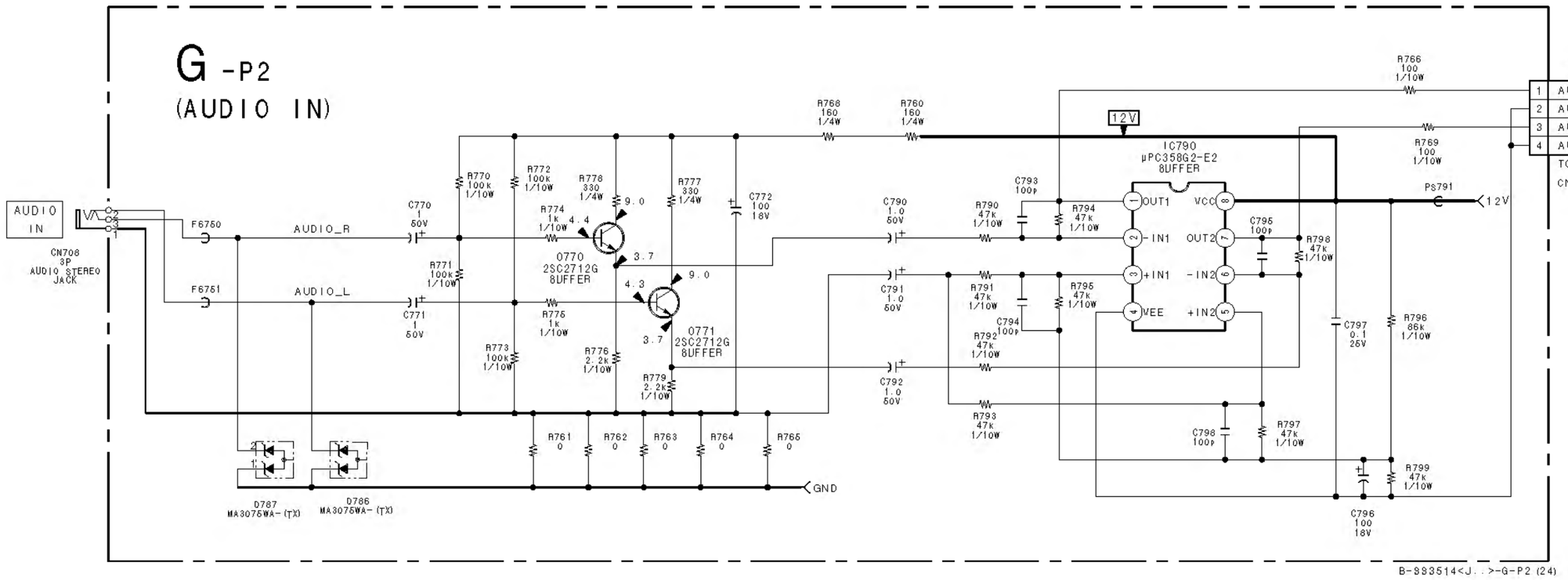
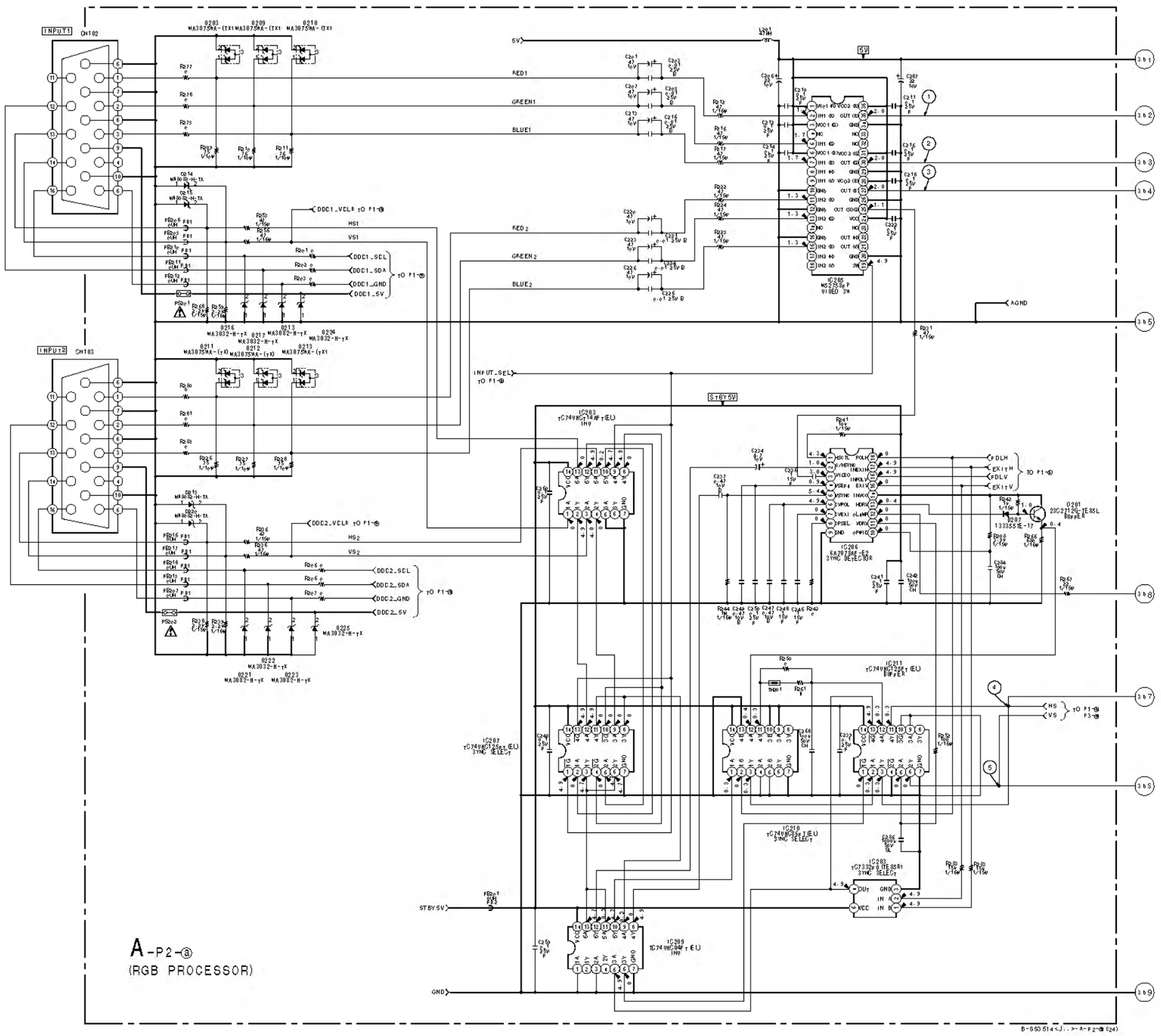
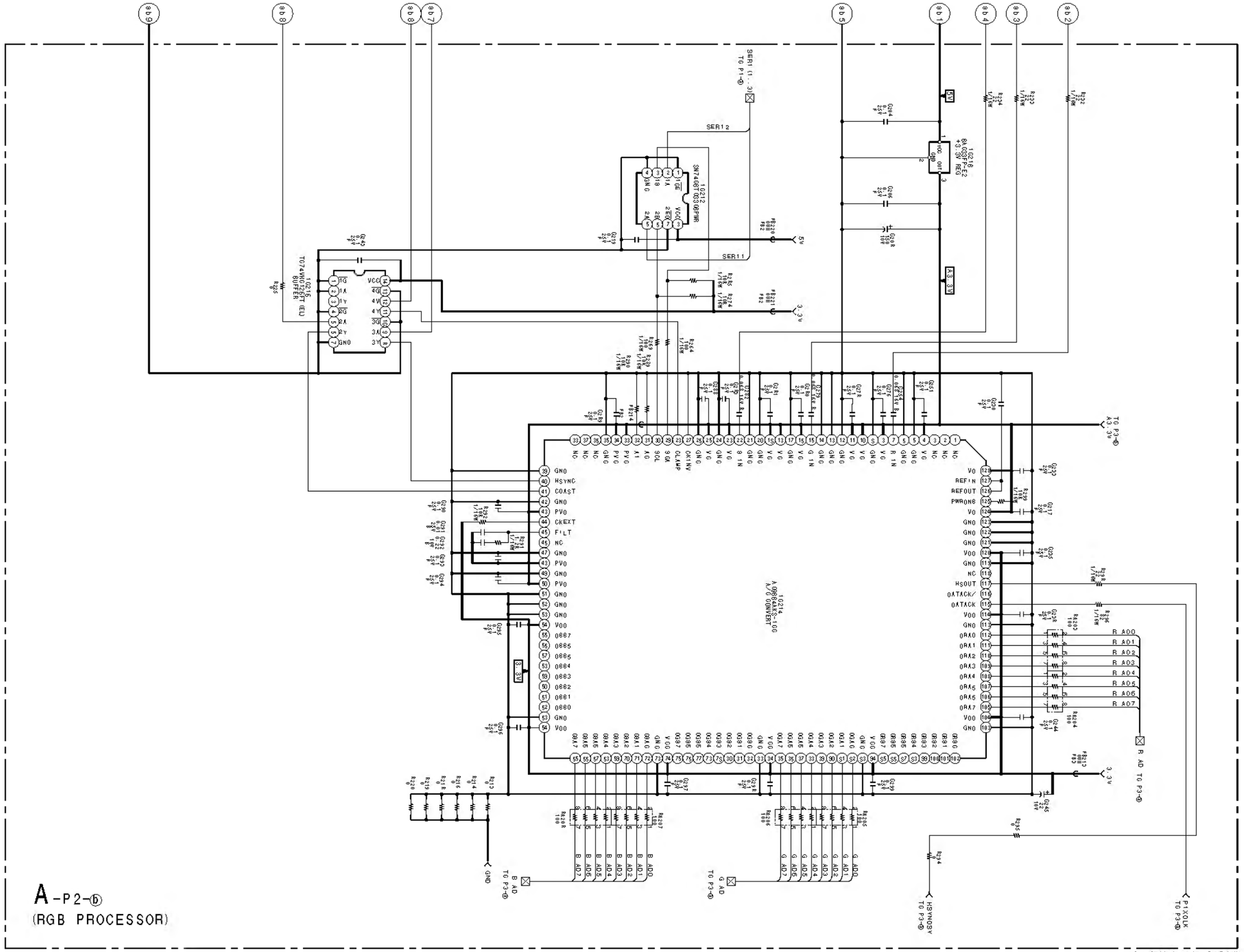
A-P1-ⓐ
(SYSTEM CONTROL)



G -P2
(AUDIO IN)


AUDIO IN
CN708 3P AUDIO STEREO JACK
F6750
F6751
AUDIO_R
AUDIO_L
C770 1 50V
C771 1 50V
R770 100k 1/10W
R771 100k 1/10W
R772 100k 1/10W
R773 100k 1/10W
R774 1k 1/10W
R775 1k 1/10W
R776 2.2k 1/10W
R777 330 1/4W
R778 330 1/4W
R779 2.2k 1/10W
C772 100 16V
Q770 2SC2712G 8UFFER
Q771 2SC2712G 8UFFER
4.4
9.0
3.7
4.3
9.0
3.7
R768 160 1/4W
R760 160 1/4W
C790 1.0 50V
C791 1.0 50V
C792 1.0 50V
R761 0
R762 0
R763 0
R764 0
R765 0
GND
D787 MA3075WA-(TX)
D786 MA3075WA-(TX)
12V
IC790 μPC358G2-E2 8UFFER
C793 100p
R790 47k 1/10W
R794 47k 1/10W
C795 100p
R798 47k 1/10W
R791 47k 1/10W
R795 47k 1/10W
C794 100p
R792 47k 1/10W
R793 47k 1/10W
C798 100p
R797 47k 1/10W
C796 100 16V
R799 47k 1/10W
OUT1
-IN1
+IN1
WEE
VCC
OUT2
-IN2
+IN2
R766 100 1/10W
R769 100 1/10W
PS791
12V
C797 0.1 25V
R796 86k 1/10W
CN705 4P
1 AUDIO_R
2 AUDIO_GND
3 AUDIO_L
4 AUDIO_GND
TO A BOARD CN106


INPUT1
CN102
INPUT2
CN103
5V
RED1
GREEN1
BLUE1
RED2
GREEN2
BLUE2
DDC1_VCLK TO P1-⑧
HS1
VS1
DDC1_SCL
DDC1_SDA
DDC1_GND
DDC1_5V
TO P1-⑧
DDC2_VCLK TO P1-⑧
HS2
VS2
DDC2_SCL
DDC2_SDA
DDC2_GND
DDC2_5V
TO P1-⑧
AGND
INPUT_SEL
TO P1-⑧
STBY5V
GND
FDLH
EXITH
FDLV
EXITV
TO P1-⑧
HS
VS
TO P1-⑧ P3-⑧
IC205
MS2758Re P
VIDEO SW
IC206
6A7772AF-E2
SYNC DETECTOR
IC207
TC74VHC125FT(EL)
SYNC SELECT
IC208
TC74VHC125FT(EL)
SYNC SELECT
IC210
TC74VHC86FT(EL)
SYNC SELECT
IC211
TC74VHC125FT(EL)
BUFFER
IC203
TC74VHC14AFT(EL)
INV
IC209
TC74VHC04FT(EL)
INV
IC203
TC7332FT(TE85R)
SYNC SELECT
Q201
2SC2712G-TE85L
BUFFER
Q207
1333S1E-17
A-P2-⑧
(RGB PROCESSOR)



A-P2-ⓑ
(RGB PROCESSOR)

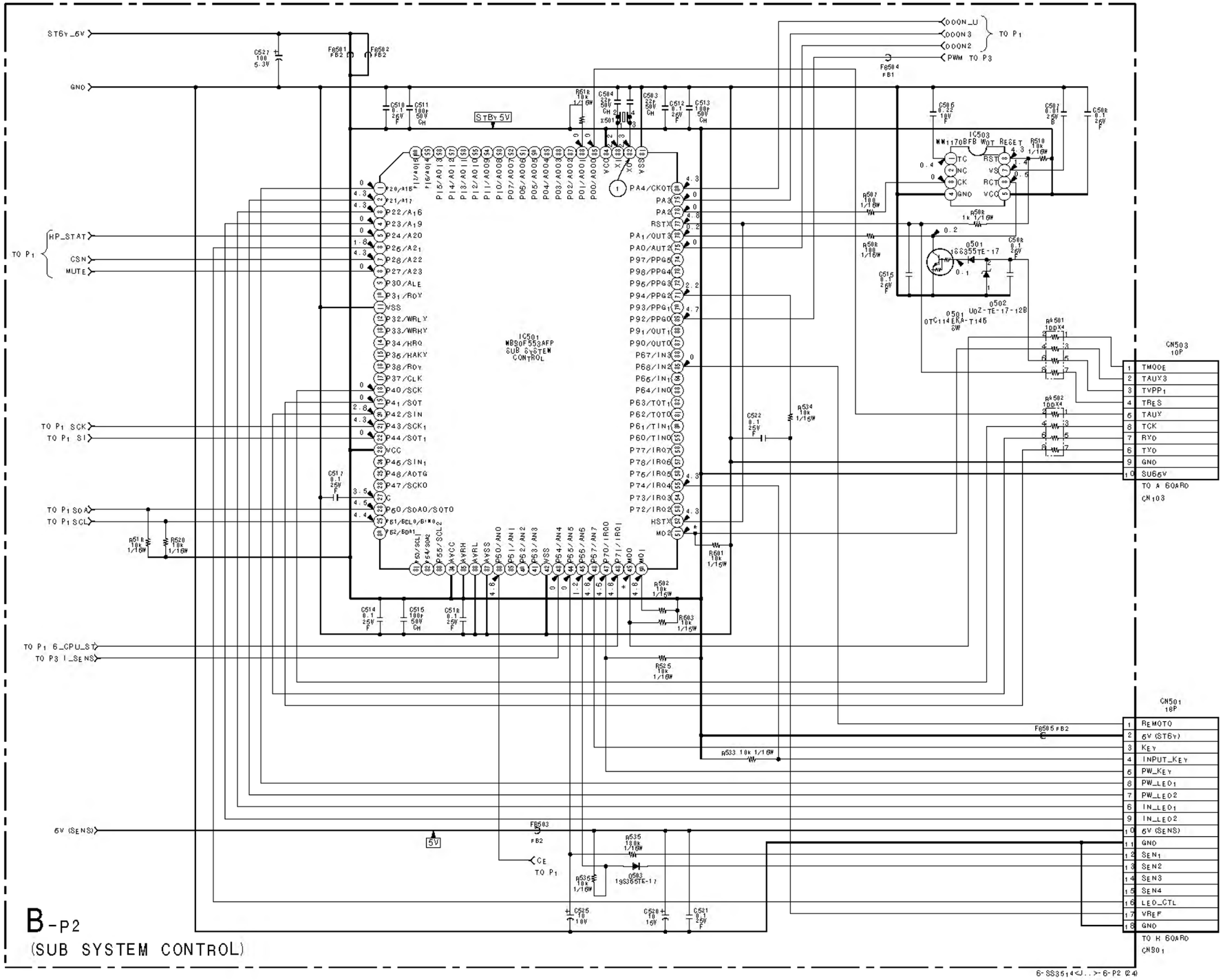
A -P3-③
(SCAN CONVERTER)

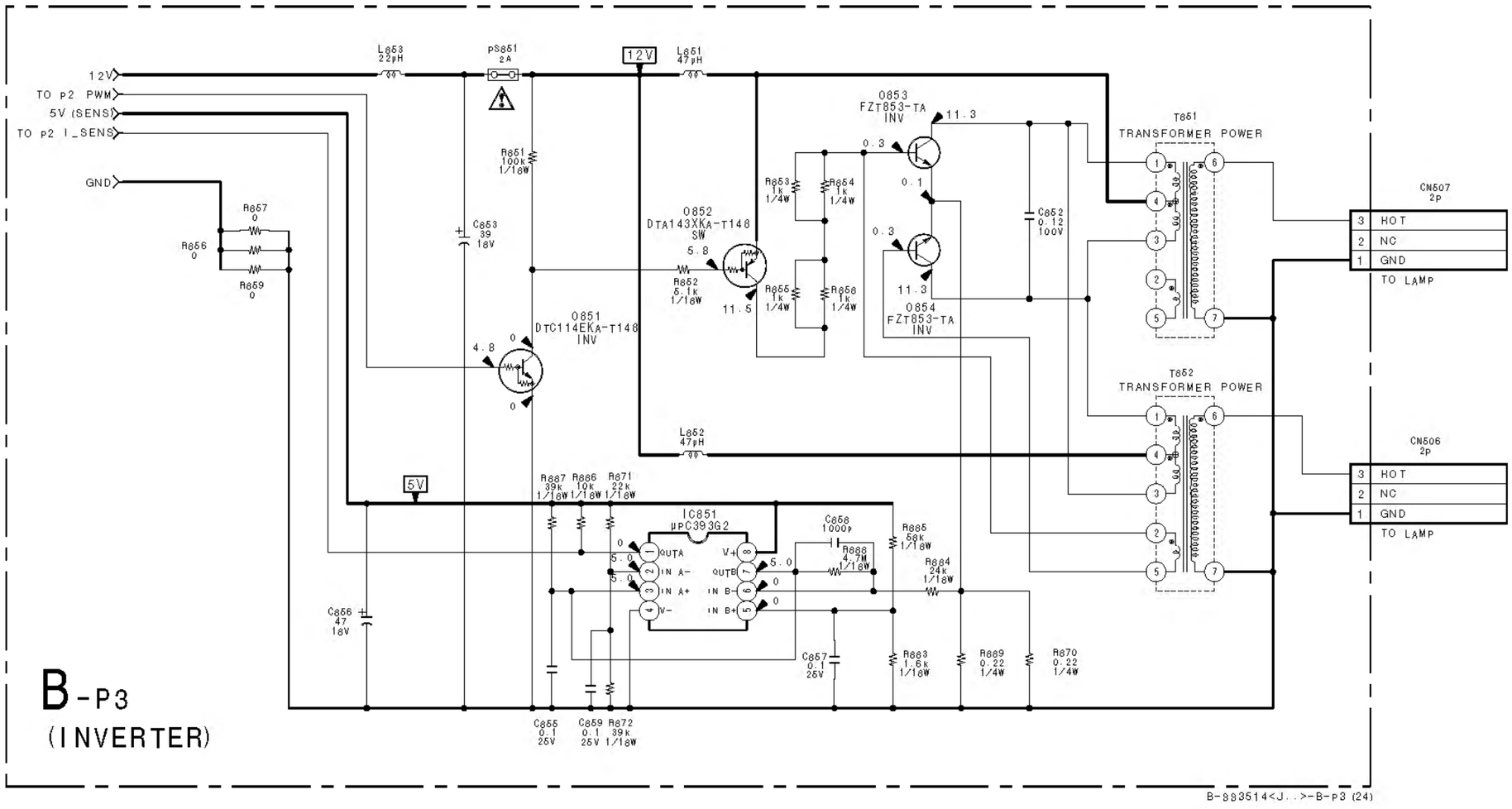
GV IF Transmitter

SDRAM (512kx2x16bitx2)

B-P1
(GV IF RECEIVER)

CN504 30P
CN502 3P
CN505 50P
IC601 CX81406R GV IF RECEIVER
IC602 PQ20DZ6U 3.3V REG
IC603 MAX1626EUA OC-DC
IC604 81431DY CONTROL
Q601 DTC114EKA-T146 SW
Q602 2SJ210-T1 SW
Q504 PTZ-TE25-5.2A
FL601 NFA321662C101
FL602 NFA321662C101
FL603 NFM60R20
RN602 RN603 RN604 RN605 RN606 RN607 RPB4
FB601 FB602 FB603 FB604 FB605 FB606 FB2
TO P2
TO U BOARD CN405
TO LCD PANEL
Pattern inductance 0.1-0.4nH
8-883514<J..>-8-P1 (24)


STBY_5V
GND
C527 100 5.3V
FB501 FB2
FB502 FB2
C510 0.1 25V F
C511 1000P 50V CH
STBY 5V
R618 10k 1/16W
C504 22P 50V CH
X501 4
C503 22P 50V CH
C512 0.1 25V F
C513 1000P 50V CH
DOON_U
DOON3
DOON2
PWM TO P3
TO P1
FB504 FB1
C506 0.22 16V F
C507 0.1 25V B
C508 0.1 25V F
IC503 MM1170BFB WDT RESET
R510 10k 1/16W
R507 100 1/16W
R508 100 1/16W
R509 1k 1/16W
C515 0.1 25V F
Q501 2SB855TE-17
C508 0.1 25V F
Q501 DTC114EKA-T146
Q502 UOZ-TE-17-12B
IC501 MB90F553AFP SUB SYSTEM CONTROL
HP_STAT
CSN
MUTE
TO P1
TO P1 SCK
TO P1 SI
TO P1 SOA
TO P1 SCL
TO P1 6_CPU_ST
TO P3 1_SENS
C517 0.1 25V F
R517 10k 1/16W
R520 10k 1/16W
C514 0.1 25V F
C515 100P 50V CH
C518 0.1 25V F
R503 10k 1/16W
R502 10k 1/16W
R501 10k 1/16W
C522 0.1 25V F
R534 10k 1/16W
R525 10k 1/16W
R533 10k 1/16W
FB503 FB2
CE
TO P1
R535 10k 1/16W
D503 1SS355TE-17
R535 10k 1/16W
C525 10 10V
C520 10 16V
C521 0.1 25V F
6V (SENS)
5V
RA501 10Dx4
RA502 10Dx4
CN503 10P
1 TMODE
2 TAUX3
3 TVPP1
4 TRES
5 TAUX
6 TCK
7 RXD
8 TXD
9 GND
10 SUB6V
TO A BOARD CN103
CN501 18P
1 REMOTO
2 6V (STBY)
3 KEY
4 INPUT_KEY
5 PW_KEY
6 PW_LED1
7 PW_LED2
8 IN_LED1
9 IN_LED2
10 6V (SENS)
11 GND
12 SEN1
13 SEN2
14 SEN3
15 SEN4
16 LED_CTL
17 VREF
18 GND
TO H BOARD CN801
B-P2
(SUB SYSTEM CONTROL)
6-SS351<J..>-6-P2 (24)


12V
TO P2 PWM
5V (SENS)
TO P2 I_SENS
GND
L853 22μH
PS851 2A
12V
L851 47μH
R851 100K 1/16W
R857 0
R856 0
R869 0
C853 39 18V
Q852 DTA143XKA-T148 SW
5.8
R852 5.1K 1/16W
11.5
R853 1K 1/4W
R854 1K 1/4W
R855 1K 1/4W
R858 1K 1/4W
Q853 FZT853-TA INV
11.3
0.3
0.1
0.3
11.3
Q854 FZT853-TA INV
C852 0.12 100V
Q851 DTC114EKA-T148 INV
4.8
0
0
L852 47μH
5V
R887 39K 1/16W
R886 10K 1/16W
R871 22K 1/16W
IC851 μPC393G2
OUTA
IN A-
IN A+
V-
V+
OUTB
IN B-
IN B+
5.0
5.0
5.0
5.0
0
0
C858 1000P
R888 4.7M 1/16W
R885 56K 1/16W
R884 24K 1/16W
C856 47 18V
C857 0.1 25V
R883 1.6K 1/16W
R889 0.22 1/4W
R870 0.22 1/4W
C855 0.1 25V
C859 0.1 25V
R872 39K 1/16W
T851 TRANSFORMER POWER
T852 TRANSFORMER POWER
CN507 2P
3 HOT
2 NC
1 GND
TO LAMP
CN506 2P
3 HOT
2 NC
1 GND
TO LAMP
B-P3
(INVERTER)
B-8835 14<J..>-B-P3 (24)

H

(USER CONTROL)

R910 6.2k 1/18W
R909 2.7k 1/18W
R906 1.5k 1/18W
R907 620 1/18W
R908 3.3k 1/18W
R905 860 1/18W
R904 860 1/18W
R903 2.4k 1/18W
R902 860 1/18W
S908 SW-1
S901 SW-1
INPUT
POWER
D901 8RPG1201W-TR
D915 MA8082
D914 MA8082
D913 MA8082
STBY5V
5V (STBY)
C903 22 18V
S907 SW-1 MENU
S905 SW-1
S904 SW-1
S903 SW-1 +
S902 SW-1 -
D903 AA1101W-7R
D902 AA1101W-7R
D911 MA8082-H-TX
D910 MA8082-H-TX
D909 MA8082-H-TX
D908 MA8082-H-TX
D907 MA8082-H-TX

CN901 18P

18	REMOTO
17	5V (STBY)
16	KEY
15	INPUT_KEY
14	PW_KEY
13	PW_LED1
12	PW_LED2
11	IN_LED1
10	IN_LED2
9	5V (SENS)
8	GND
7	SEN1
6	SEN2
5	SEN3
4	SEN4
3	LED_CTL
2	VREF
1	GND

TO B BOARD
CN501

C901 0.01 25V 6
IC901 IS455J SENSOR
R911 680k 1/18W
C902 22 18V
5V
R930 62 1/4W
R931 62 1/4W
R932 62 1/4W
R933 62 1/4W
R934 4.7k
R935 22k
5V (STBY)
D931 DNP319-1
D930 DNP319-1
C933 22 16V
Q931 DTC143TKA-T148 SW
Q930 DTC143TKA-T148 SW
Q903 PN109F SW
Q904 2SA1037AK-T148 SW
C931 1 10V
C930 2.2 6.3V
R941 100k 1/18W
R940 470k 1/18W
IC902 μPC324G2-E2
R939 15k 1/18W
C934 0.1 16V
R936 270k 1/18W
D905 1SS355
R925 910k 1/18W
C905 22 10V
D912 MA8082
C906 0.1 25V
D918 MA8082

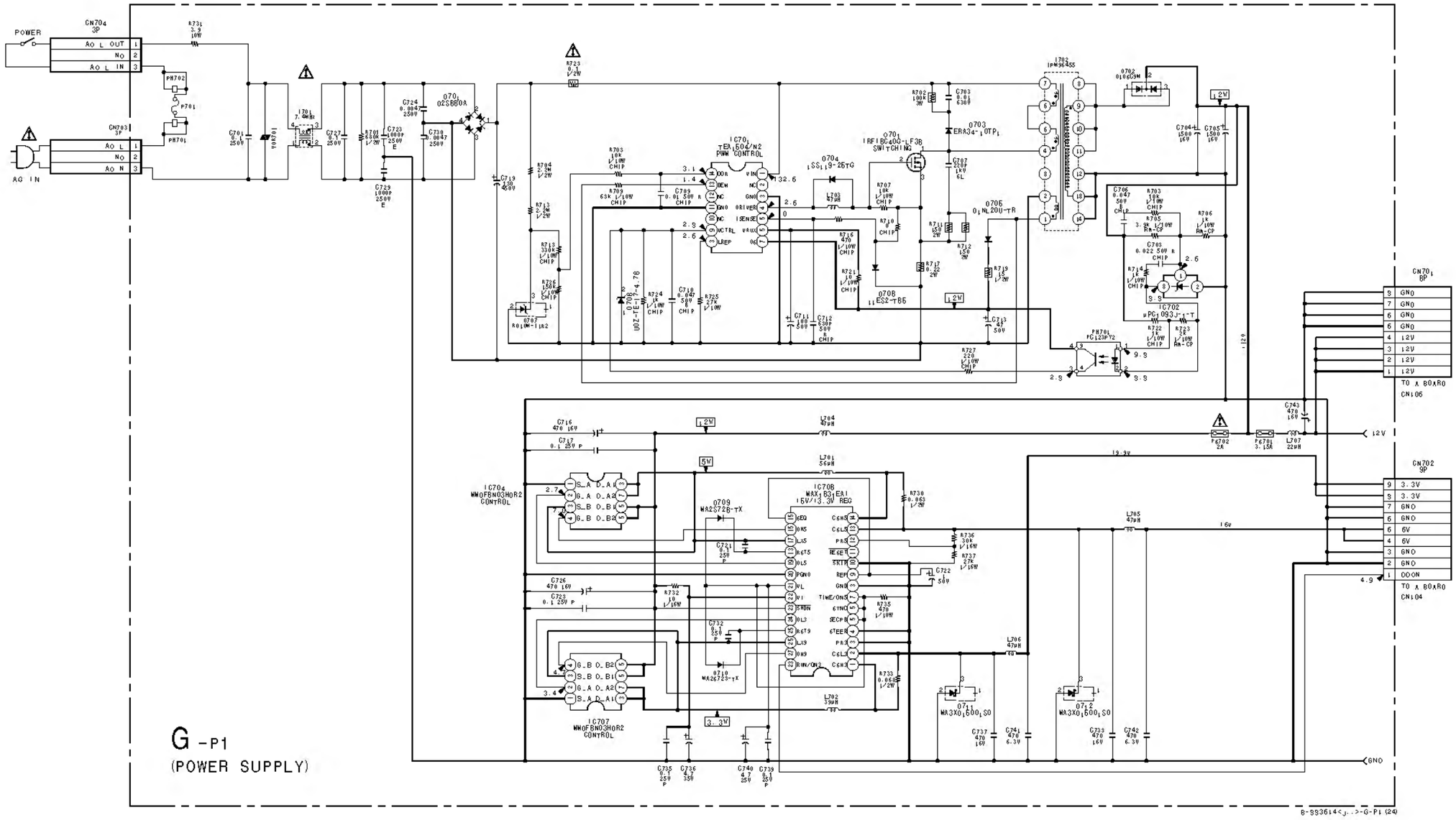
U -ⓐ
(AUDIO)

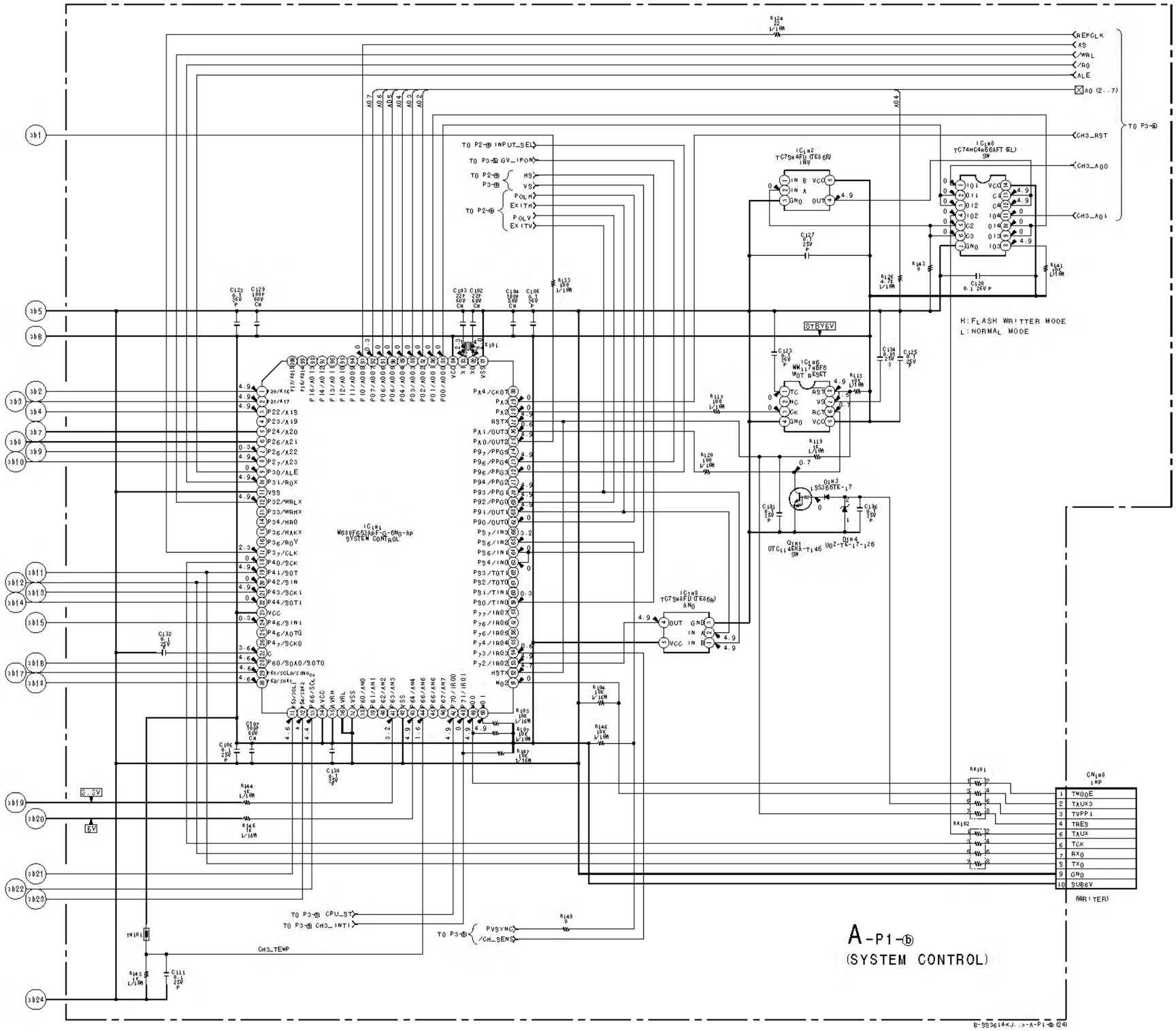
8-999614<J..>-U-ⓐ (24)

U -ⓑ

(AUDIO)

6-999614<J...>-U-ⓑ1241


POWER
CN704
3P
AC L OUT
NO
AC L IN
CN703
3P
AC L
NO
AC N
AC IN
PH702
PH701
P701
R731
3.9
10W
C701
0.1
250V
VDR701
L701
7.0mH
C727
4.7
250V
R701
680K
1/2W
C723
1000P
250V
E
C729
1000P
250V
E
C724
0.0047
250V
C738
0.0047
250V
D701
02SB80A
R723
0
1/2W
C719
4.30
450V
R704
2.2M
1/2W
R713
2.2M
1/2W
R703
10K
1/10W
CHIP
R709
63K 1/10W
CHIP
C703
0.01 50V B
CHIP
R713
330K
1/10W
CHIP
R706
150K
1/10W
CHIP
D707
RD10M-T1B2
D708
UDZ-TE-17-4.78
R724
1K
1/10W
CHIP
C710
0.047
50V
B
CHIP
R725
27K
1/10W
IC701
TEA1504/N2
PWM CONTROL
VIN
NC
GND
DRIVER
ISENSE
VCTRL
VREF
D704
1SS119-25TG
L703
47uH
D705
01NL20U-TR
D703
ERA34-10TP1
R707
10K
1/10W
CHIP
R710
0
CHIP
R711
150
2W
R712
150
2W
R717
0.22
2W
R719
1.5
1/2W
C707
0.50
1kV
6L
Q701
IRFIBC40G-LF3B
SWITCHING
D708
11ES2-TB6
R716
470
1/10W
CHIP
R721
10
1/10W
CHIP
R727
220
1/10W
CHIP
C711
100
50V
C712
680P
50V
B
CHIP
C719
50V
D702
IPW96455
D702
01NL20M-TR
C704
1500
16V
C705
1500
16V
12V
C706
0.047
50V
B
CHIP
R705
3.9K 1/10W
PA-CP
R706
1K
1/10W
PA-CP
C703
0.022 50V B
CHIP
R714
1K
1/10W
CHIP
IC702
μPC1093J-T
R722
1K
1/10W
CHIP
R723
1K
1/10W
PA-CP
PH701
PC123FY2
C743
470
16V
F6702
2A
F6701
3.15A
L707
22uH
12V
CN701
6P
9 GND
7 GND
6 GND
5 GND
4 12V
3 12V
2 12V
1 12V
TO A BOARD
CN106
C716
470 16V
C717
0.1 25V P
5V
L701
56uH
IC704
WW0FBN03H0R2
CONTROL
S_A D_A1
G_A D_A2
S_B D_B1
G_B D_B2
D709
WA2S28-TX
C731
0.1
25V
F
C726
470 16V
C723
0.1 25V P
R732
10
1/16W
C732
0.1
25V
F
D710
WA26723-TX
IC707
WW0FBN03H0R2
CONTROL
3.3V
IC706
WAX1831EA1
15V/3.3V REG
DRV
CGND
PROT
RESET
STRT
REF
GND
TIME/ONS
SYNC
SECP
GTEER
PRT
CLMP
CGND
R730
0.063
1/2W
R736
30K
1/16W
R737
27K
1/16W
C722
50V
R735
470
1/10W
R733
0.068
1/2W
L702
39uH
L704
47uH
L705
47uH
16V
L706
47uH
D711
WA3X01600LSO
D712
WA3X01600LSO
C737
470
16V
C741
470
6.3V
C733
470
16V
C742
470
6.3V
C735
0.1
25V
F
C736
4.7
35V
C740
4.7
25V
C739
0.1
25V
F
19.9V
CN702
9P
9 3.3V
8 3.3V
7 GND
6 GND
5 6V
4 6V
3 GND
2 GND
1 ODON
TO A BOARD
CN104
GND
G -P1
(POWER SUPPLY)
B-9836<J...>-G-P1 (24)


REFCLK
AS
/WRL
/RD
ALE
A0 (2..7)
CH3_RST
CH3_A00
CH3_A01
TO P3-④
TO P2-⑧ INPUT_SEL
TO P3-⑩ GV_IFON
TO P2-⑧ HS
P3-⑧ VS
POLH
EXITH
POLV
EXITV
TO P2-⑧
IC1M2 TC7SH4FU(TE85R) INV
IC1M8 TC74HC4066AFT(EL) SW
IC1M6 NJU7116BF6 WDT RESET
STBY5V
H:FLASH WRITTER MODE
L:NORMAL MODE
IC1M1 W88QFG53APF-G-6NO-AP SYSTEM CONTROL
IC1M8 TC7SH8FU(TE85R) INV
Q1M1 2SK4-T146 SW
Q1M3 2SS366TE-17
D1M4 UDZ-TE-17-1.26
CN1M8 1MP
1 TM00E
2 TAUX3
3 TVPP1
4 TRES
5 TAUX
6 TCK
7 RX0
8 TX0
9 GND
10 SUB6V
(WRITER)
3.3V
5V
TO P3-⑩ CPU_ST
TO P3-⑩ CH3_INT1
TO P3-⑩ PVSYNC
/CH_SEN
CH3_TEMP
TM101
A-P1-ⓑ
(SYSTEM CONTROL)